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November 22, 2005

TO: U.S. Serial No. 10/620,477

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FROM: Steven P. Wigmore

5551

Our Ref. #:

07982.105018

NUMBER OF PAGES (including transmittal sheet): 11

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### Notes/Comments:

#### Documents Submitted Via Facsimile:

Applicant: Andrew Joo Kim et al.

Serial No.: 10/620,477

Filed: July 15, 2003

For: Adaptive Noise Filtering and Equalization for Optimal High Speed Multilevel Signal Decoding

Papers Faxed: Amendment Transmittal (1-pg.); After-Final Response Under 37 C.F.R. § 1.116 (7-pgs.); PTO-1449 Form (1-pg.); Copy of Postcard Receipt (1-pg.)

## PATENTS

## IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of:

Docket No. 07982.105018

Andrew Joo Kim et al.

Serial No.: 10/620,477

Art Unit 2637

Filed: July 15, 2003

For: Adaptive Noise Filtering and Equalization  
for Optimal High Speed Multilevel Signal  
Decoding

Examiner: Q. Ghulamali

Confirmation No.: 8614

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 22, 2005

Sir:

Transmitted herewith are papers in the above-identified application.

- ☒ After-Final Response Under § 37 C.F.R. 1.116.  
☒ An additional fee is not required.  
☐ The additional fee is calculated as shown below:

					SMALL ENTITY		LARGE ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE	RATE	ADDIT. FEE
TOTAL	23	MINUS	32=	0	x25	\$0	x50	\$0
INDEP.	3	MINUS	4=	0	x100	\$0	x200	\$0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					+180	\$	+360	\$0
TOTAL ADDITIONAL FEE						\$0	\$0	

- ☒ The Commissioner is hereby authorized to charge any additional fees required under 37 CFR § 1.16, or to credit any overpayment to Deposit Account No. 11-0980.

I hereby certify that this correspondence is being facsimile transmitted to Mail Stop AF, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, Attn: Examiner Q. Ghulamali, GAU 2637, Facsimile No. (571) 273-8300 on November 22, 2005.

  
 Steven P. Wigmore, Reg. No. 40,447

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By:   
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**AFTER-FINAL RESPONSE UNDER 37 C.F.R § 1.116**

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P.O. Box 1450  
Alexandria, VA 22313-1450

November 22, 2005

Sir:

Responsive to the Official Office Action mailed on August 25, 2005, the Applicants submit the following amendments and remarks for the Examiner's consideration.

**AMENDMENT**

Amendments to the Claims are reflected in the listing of claims which begin on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.

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